

In the claims:

✓Cancel claims 1-15 and substitute therefore:

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1 16. An electric motor including a rotor provided with a coil having
2 a first and second radial ends, and mounted rotatingly in a hollow frame formed of
3 two parts directly mounted on each other and having end walls, the two parts being
4 made of a heat conducting material, the frame carrying induction means,
5 characterized in that the frame is sealed, and the two parts are two components
6 transversally assembled one on each other, and the end wall of each part is
7 continuously adjacent to one of the first and second ends of the coil.

1 17. The motor according to claim 16, characterized by the end walls
2 enveloping nearer the ends of the coil in the shape of buns.

1 18. The motor according to claim 17, characterized by the end walls
2 of the two pieces are centrally bowl shaped.

1 19. The motor according to claim 16, characterized by the material
2 of the two parts being non-magnetic.

1 20. The motor according to claim 19 characterized by the material
2 being chosen as one of "zamac", aluminum, magnesium.

1 21. The motor according to claim 16, characterized by the material
2 of the two parts being one of magnetic or magnetizable material.

1 22. The motor according to claim 16, characterized by one of the
2 two pieces of the frame being made up of one piece with at least one part of a piece
3 of a gear box casing of an actuator to which the motor corresponds.

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1 23. The motor according to claim 16, characterized by at least one
2 of the two pieces of the frame including an end wall and a radial orientation portion
3 on its exterior elements that contributes to the increase of the thermal changes with
4 the ambient air.

1 24. The motor according to claim 23, characterized by the radial
2 orientation portion carrying cooling fins.

1 25. The motor according to claim 23, characterized by the portion
2 carrying fixation lugs.

1 26. The motor according to claim 16, characterized by both of the
2 two pieces of the frame including an end wall and a radial orientation portion.

1 27. The motor according to claim 16, characterized by each piece
2 having an assembly flange of pieces between them.

1 28. The motor according to claim 27 characterized by at least one of
2 the flanges is interrupted by at least a fixation lug.

1 29. The motor according to claim 16, characterized by one of the
2 two pieces of the frame being a closing plate on which the other piece is attached.

1 30. The motor according to claim 16, characterized by a plate
2 carrying charcoal placed at the interior of the frame on the end wall of one of the two
3 pieces.


1 31. The motor according to claim 16, characterized by the two
2 pieces being made of different materials.

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Upon entry of this amendment claims 1-15 are canceled and new have been added therefore. An abstract has been added.

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. Consideration of the application as amended is requested.

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